

SN 10/629,982  
Docket No. S-100,613  
In Response to Office Action dated 5/26/2007

#### AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### LISTING OF CLAIMS:

Claim 1. (currently amended) An asymmetric chiral labeled glycerol selected from the group consisting of (2S) [2-<sup>13</sup>C]glycerol and (2R) [2-<sup>13</sup>C]glycerol and from zero one to four deuterium atoms bonded directly to a carbon atom with the proviso that where there is only one deuterium atom, it is bonded to a terminal carbon atom.

Claim 2. (previously amended) An asymmetric chiral labeled glycerol selected from the group consisting of (2S) [1,2-<sup>13</sup>C<sub>2</sub>]glycerol and (2R) [1,2-<sup>13</sup>C<sub>2</sub>]glycerol and from zero to four deuterium atoms bonded directly to a carbon atom.

Claim 3. (previously amended) An asymmetric chiral labeled glycerol selected from the group consisting of (2S, 3S) [1,2-<sup>13</sup>C<sub>2</sub>, 3-<sup>2</sup>H]glycerol, (2R, 3R) [1,2-<sup>13</sup>C<sub>2</sub>, 3-<sup>2</sup>H]glycerol, (2S, 3R) [1,2-<sup>13</sup>C<sub>2</sub>, 3-<sup>2</sup>H]glycerol, (2R, 3S) [1,2-<sup>13</sup>C<sub>2</sub>, 3-<sup>2</sup>H]glycerol, (2S) [1-<sup>13</sup>C, 2-<sup>2</sup>H]glycerol and (2R) [1-<sup>13</sup>C, 2-<sup>2</sup>H]glycerol.

Claim 4. (cancelled)

Claim 5. (previously amended) The asymmetric chiral labeled glycerol of claim 2 wherein said glycerol is selected from the group consisting of (2S) [1,2-<sup>13</sup>C<sub>2</sub>, 3-<sup>2</sup>H]glycerol and (2R) [1,2-<sup>13</sup>C<sub>2</sub>, 3-<sup>2</sup>H]glycerol.

Claim 6. (previously amended) The asymmetric chiral labeled glycerol of claim 2 wherein said glycerol is selected from the group consisting of (2S) [1,2-<sup>13</sup>C<sub>2</sub>, 3-<sup>2</sup>H<sub>2</sub>]glycerol and (2R) [1,2-<sup>13</sup>C<sub>2</sub>, 3-<sup>2</sup>H<sub>2</sub>]glycerol.

Claim 7. (original) The asymmetric chiral labeled glycerol of claim 1 wherein said glycerol is selected from the group consisting of (2S) [1-<sup>2</sup>H, 2-<sup>13</sup>C]glycerol and (2R) [1-<sup>2</sup>H, 2-<sup>13</sup>C]glycerol.

Claim 8. (original) The asymmetric chiral labeled glycerol of claim 1 wherein said glycerol is selected from the group consisting of (2S) [1-<sup>2</sup>H<sub>2</sub>, 2-<sup>13</sup>C]glycerol and (2R) [1-<sup>2</sup>H<sub>2</sub>, 2-<sup>13</sup>C]glycerol.

Claim 9. (previously amended) An asymmetric chiral labeled glycerol selected from the group consisting of (1S, 2S) [1-<sup>13</sup>C, 1-<sup>2</sup>H]glycerol, (1R, 2R) [1-<sup>13</sup>C, 1-<sup>2</sup>H]glycerol, (1S, 2R) [1-<sup>13</sup>C, 1-<sup>2</sup>H]glycerol and

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(1R, 2S) [1-<sup>13</sup>C, 1-<sup>2</sup>H]glycerol.

Claim 10. (previously amended) An asymmetric chiral labeled glycerol including two chiral atoms, from one to two <sup>13</sup>C atoms and from one to four deuterium atoms bonded directly to a carbon atom.

Claim 11. (previously amended) The asymmetric chiral labeled glycerol of claim 10 wherein said glycerol is selected from the group consisting of (1R, 2R) [1-<sup>13</sup>C, 1,2-<sup>2</sup>H<sub>2</sub>]glycerol, (1S, 2S) [1-<sup>13</sup>C, 1,2-<sup>2</sup>H<sub>2</sub>]glycerol, (1S, 2R) [1-<sup>13</sup>C, 1,2-<sup>2</sup>H<sub>2</sub>]glycerol, (1R, 2S) [1-<sup>13</sup>C, 1,2-<sup>2</sup>H<sub>2</sub>]glycerol, (1R, 2R) [1-<sup>13</sup>C, 1,3-<sup>2</sup>H<sub>3</sub>]glycerol, (1S, 2S) [1-<sup>13</sup>C, 1,3-<sup>2</sup>H<sub>3</sub>]glycerol, (1S, 2R) [1-<sup>13</sup>C, 1,3-<sup>2</sup>H<sub>3</sub>]glycerol and (1R, 2S) [1-<sup>13</sup>C, 1,3-<sup>2</sup>H<sub>3</sub>]glycerol.

Claim 12. (currently amended) The asymmetric chiral labeled glycerol of claim 10 wherein said glycerol is selected from the group consisting of (1R, 2R) [1-<sup>13</sup>C, 1,2,3-<sup>2</sup>H<sub>4</sub>]glycerol, (1S, 2S) [1-<sup>13</sup>C, 1,2,3-<sup>2</sup>H<sub>4</sub>]glycerol, (1S, 2R) [1-<sup>13</sup>C, 1,2,3-<sup>2</sup>H<sub>4</sub>]glycerol and (1R, 2S) [1-<sup>13</sup>C, 1,2,3-<sup>2</sup>H<sub>4</sub>]glycerol, (1R, 2R) [1-<sup>13</sup>C, 1,2,3,3-<sup>2</sup>H<sub>4</sub>]glycerol, (1S, 2S) [1-<sup>13</sup>C, 1,2,3,3-<sup>2</sup>H<sub>4</sub>]glycerol, (1S, 2R) [1-<sup>13</sup>C, 1,2,3,3-<sup>2</sup>H<sub>4</sub>]glycerol and (1R, 2S) [1-<sup>13</sup>C, 1,2,3,3-<sup>2</sup>H<sub>4</sub>]glycerol.

Claim 13. (previously amended) The asymmetric chiral labeled glycerol of claim 10 wherein said glycerol is selected from the group consisting of (1R, 2R) [1,2-<sup>13</sup>C<sub>2</sub>, 1-<sup>2</sup>H]glycerol, (1S, 2S) [1,2-<sup>13</sup>C<sub>2</sub>, 1-<sup>2</sup>H]glycerol, (1S, 2R) [1,2-<sup>13</sup>C<sub>2</sub>, 1-<sup>2</sup>H]glycerol and (1R, 2S) [1,2-<sup>13</sup>C<sub>2</sub>, 1-<sup>2</sup>H]glycerol.

Claim 14. (previously amended) The asymmetric chiral labeled glycerol of claim 10 wherein said glycerol is selected from the group consisting of (1R, 2R) [1,2-<sup>13</sup>C<sub>2</sub>, 1,2-<sup>2</sup>H<sub>2</sub>]glycerol, (1S, 2S) [1,2-<sup>13</sup>C<sub>2</sub>, 1,2-<sup>2</sup>H<sub>2</sub>]glycerol, (1S, 2R) [1,2-<sup>13</sup>C<sub>2</sub>, 1,2-<sup>2</sup>H<sub>2</sub>]glycerol and (1R, 2S) [1,2-<sup>13</sup>C<sub>2</sub>, 1,2-<sup>2</sup>H<sub>2</sub>]glycerol.

Claim 15. (previously amended) The asymmetric chiral labeled glycerol of claim 10 wherein said glycerol is selected from the group consisting of (1R, 2R) [1,2-<sup>13</sup>C<sub>2</sub>, 1,3-<sup>2</sup>H<sub>3</sub>]glycerol, (1S, 2S) [1,2-<sup>13</sup>C<sub>2</sub>, 1,3-<sup>2</sup>H<sub>3</sub>]glycerol, (1S, 2R) [1,2-<sup>13</sup>C<sub>2</sub>, 1,3-<sup>2</sup>H<sub>3</sub>]glycerol and (1R, 2S) [1,2-<sup>13</sup>C<sub>2</sub>, 1,3-<sup>2</sup>H<sub>3</sub>]glycerol.

Claim 16. (currently amended) The asymmetric chiral labeled glycerol of claim 10 wherein said glycerol is selected from the group consisting of (1R, 2R) [1,2-<sup>13</sup>C<sub>2</sub>, 1,2,3-<sup>2</sup>H<sub>4</sub>]glycerol, (1S, 2S) [1,2-<sup>13</sup>C<sub>2</sub>, 1,2,3-<sup>2</sup>H<sub>4</sub>]glycerol, (1S, 2R) [1,2-<sup>13</sup>C<sub>2</sub>, 1,2,3-<sup>2</sup>H<sub>4</sub>]glycerol and (1R, 2S) [1,2-<sup>13</sup>C<sub>2</sub>, 1,2,3-<sup>2</sup>H<sub>4</sub>]glycerol

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(1R, 2R) [1,2-<sup>13</sup>C<sub>2</sub>, 1,2,3,3-<sup>2</sup>H<sub>4</sub>]glycerol, (1S, 2S) [1,2-<sup>13</sup>C<sub>2</sub>, 1,2,3,3-<sup>2</sup>H<sub>4</sub>]glycerol,  
(1S, 2R) [1,2-<sup>13</sup>C<sub>2</sub>, 1,2,3,3-<sup>2</sup>H<sub>4</sub>]glycerol and (1R, 2S) [1,2-<sup>13</sup>C<sub>2</sub>, 1,2,3,3-<sup>2</sup>H<sub>4</sub>]glycerol.

Claim 17. (cancelled)